

Figure S1

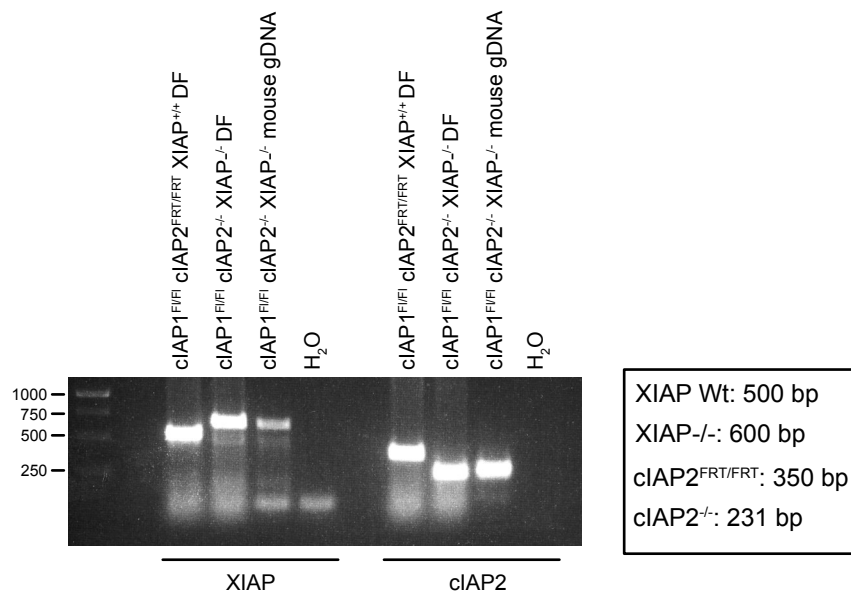


Figure S2

Supplemental Figure Legends

Figure S1: Birinapant can block autophagosomal-Lysosomal fusion at high doses.

Wild type MEFs expressing mcherry-GFP-LC3b were treated with the indicated doses of Birinapant for 6 hours. DNA was stained using Hoechst and live cells were then imaged to visualize mCherry, GFP and Hoechst. The number of GFP positive puncta and mCherry positive puncta were then counted per cell and the ratio of GFP+/mCherry+ puncta calculated. Graphs represent the mean and error bars show SEM of at least 3 experiments.

Figure S2: Confirmation of genotype of cIAP2^{-/-} XIAP^{-/-} Dermal fibroblasts

Genomic DNA was harvested from Dermal fibroblasts of the indicated genotypes as well as control DNA from a cIAP2^{-/-} XIAP^{-/-} mouse. PCR was performed to show the correct genotype. Expected sizes of PCR products are shown in the box.